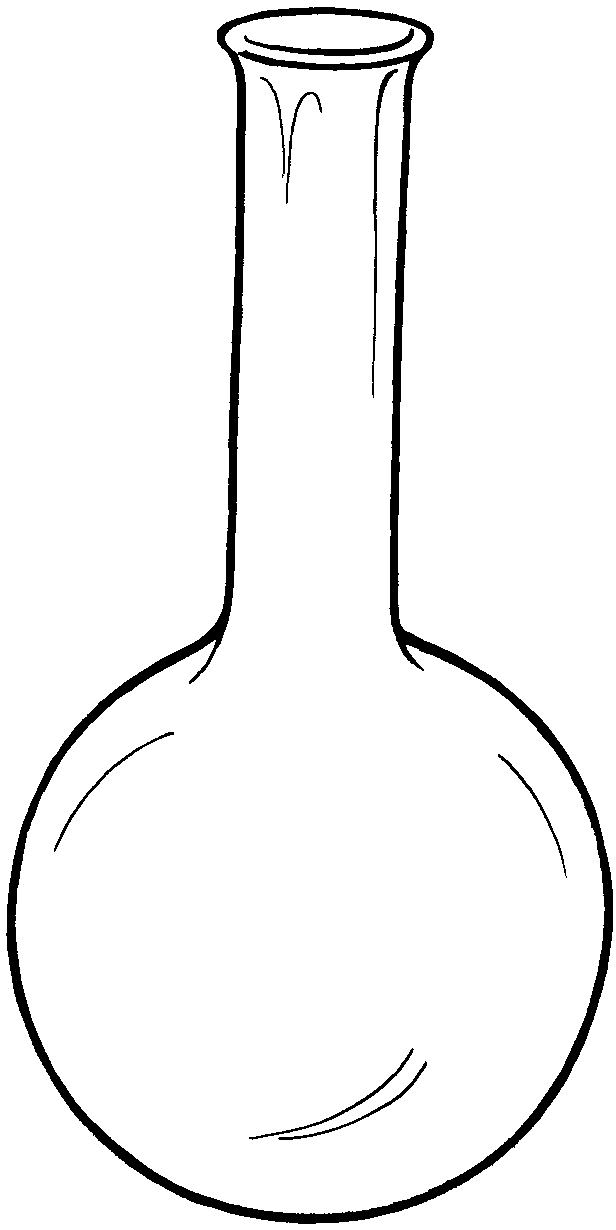
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| **conduction** | **Physics** | **شعار-القسم** |
| **Convection** |
| Worksheet-4- |

|  |  |
| --- | --- |
| Name: Class: 8 /……........ | |
| Book pages: | |
|  | Date: 13-5-2012 |
| 8.17.3- 8.17.5 - 8.17.5- 8.17.6 | Core Standard number |
| 1.Know how convection happens.  2.Know some applications of convection  3. Explain the cause of convection currents in air and water  4. Show how convection currents in air cause weather features | Learning Objectives  Logo + text 2 |

1. Experiment

Fill the round-bottom flask with water and place carefully some potassium permanganate at the bottom of the flask. Place a Bunsen burner and observe the crystal.



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1. Explain the circulation of water.

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1. Define convection currents

**……………………………………………………………………………………………………………………………………………………………………………………………………………………………...**.

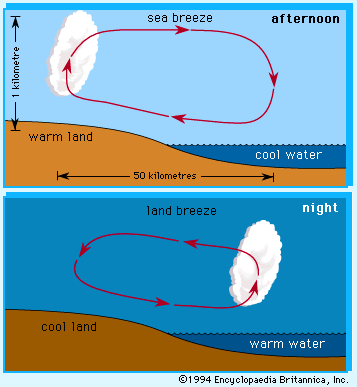
1. Define convection

**……………………………………………………………………………………………………………………………………………………………………………………………………………………………...**.

1. Can convection occur in solids?

**……………………………………………………………………………………………………………………………………………………………………………………………………………………………...**.

1. Common applications of convection
2. ……………………………………..
3. …………………………………………………………………………………………………..
4. Sea breeze and land breeze



* What is sea breeze?

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* What is land breeze?

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* Explain sea breeze.

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* Explain land breeze.

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